Format No: CP/TF/01

TEST REPORT OF PHYSICAL PROPERTIES OF CEMENT - 53 Grade

Date: 11-07-2018

Lab ID	:	CP-2018-07-07-05
Customer	:	Assistant Executive Engineer, Yelahanka Satellite town Sub division, BBMP, Bangalore
Address	:	Yelahanka Satellite town Sub division, BBMP, Bangalore.
Project Name	:	Improvements to roads and drains to the balance roads of Someshwaranagara in ward no:04
Agency	:	Sri. G. Venkategowda No:531/1, 14th A Cross, A Sector, Yelahanka New Town, Bangalore -64
Customer's Reference	:	EE(YNK.D)E-PMT-13/W.O/000100/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	07-07-2018
Sample ID No	:	2018-07-07-05 /01
Sample Type	:	Birla Super 53grade
Reference to BIS codes	:	IS 12269 : 2013, 53 Grade Ordinary Portland cement Specification , IS 4031 (Part 1,2 3,4,5, 6,11):1988 IS 4031 Part 1 DETERMINATION OF FINENESS BY DRY SIEVING, Clause 4.4 IS 4031 Part 2, Determination of Fineness by Blaine Air Permeability Method, Clause 5 IS 4031 Part 3, Determination of Soundness, Clause 5,Clause 6 IS 4031 Part 4, Determination of Consistency of Standard Cement Paste, Clause 5 IS 4031 Part 5, Determination of Initial & Final Setting Time, Clause 5 IS 4031 Part 11,DETERMINATION OF DENSITY , Clause 6
Date of test	:	09-07-2018
Environmental Conditions during test	:	Temperature: 26°C Humidity: 72%

SLNo.	Physical properties	Results	Requirement as per IS 12269: 2013
1	Fineness by dry sieving (%)	1.95	–
2	Finess by Air permeablity method (m^2/kg,Min)	285.4	225m^2/kg, Min
3	Density (gm/cc)	3.12	–
4	Standard Consistency (%)	29.5%	Not specified
5	Initial Setting time	145 minutes	Not less than 30 minutes
6	Final Setting time	240 minutes	Not more than 600 minutes
7	Soundness (Le Chatelier's Method)	1.5mm	Not more than 10 mm

Note:

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Format No: CP/TF/01

TEST REPORT OF PHYSICAL PROPERTIES OF CEMENT - 53 Grade

Date: 16-07-2018

Lab ID	:	CP-2018-07-07-05
Customer	:	Assistant Executive Engineer, Yelahanka Satellite town Sub division, BBMP, Bangalore.
Address	:	Yelahanka Satellite town Sub division, BBMP, Bangalore.
Project Name	:	Improvements to roads and drains to the balance roads of Someshwaranagara in ward no.04
Agency	:	Sri. G. Venkategowda No.531/1, 14th A Cross, A Sector, Yelahanka New Town, Bangalore -64
Customer's Reference	:	EE(YNK.D)E-PMT-13/W.O/000100/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	07-07-2018
Sample ID No	:	2018-07-07-05 /01
Sample Type	:	Birla Super 53grade
Reference to BIS codes	:	IS 12269 : 2013, 53 Grade Ordinary Portland cement Specification , IS 4031 Part 4, Determination of Consistency of Standard Cement Paste, Clause 5 IS 4031 Part 6, Determination of Compressive Strength, Clause 6
Date of test	:	09-07-2018
Environmental Conditions during test	:	Temperature: 26°C Humidity: 72%

Compressive Strength

SLNo.	Physical properties	Results	Requirement as per IS 12269: 2013
1	3 Days	28.5N/mm^2	Not less than 27 N/mm^2
2	7 Days	39.0N/mm^2	Not less than 37 N/mm^2

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Format No: CP/TF/01

TEST REPORT ON COARSE AGGREGATES

Lab ID	:	**CP-2018-07-07-05** **Date: 10-07-2018**
Customer	:	Assistant Executive Engineer, Yelahanka Satellite town Sub division, BBMP, Bangalore.
Address	:	Yelahanka Satellite town Sub division, BBMP, Bangalore.
Project Name	:	Improvements to roads and drains to the balance roads of Someshwaranagara in ward no:04
Agency	:	Sri. G. Venkategowda No:531/1, 14th A Cross, A Sector, Yelahanka New Town, Bangalore -64
Customer's Reference	:	EE(YNK.D)E-PMT-13/W.O/000100/2017-18
Source of Sample	:	Sample supplied by Agency
Sample condition	:	Satisfactory
Date of Receipt	:	07-07-2018
Sample ID No	:	2018-07-07-05 /02(a)
Sample Type	:	40mm down size coarse aggregate
Reference to BIS codes	:	IS: 383 2016 (Specification for Coarse and fine Aggregates) IS: 2386 :1963(Part - 1,3,4) RA2011 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption IS 2386 Part 4: Mechanical Properties
Date of test	:	07-07-2018

SIEVE ANALYSIS (PARTICLE SIZE DISTRIBUTION) OF 40MM DOWN COARSE AGGREGATE:

Total weight taken : **15000** **grams**

Sample No.	Sieve No.	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:2016
1	80 mm	0	0	0.0	100	100
2	40 mm	244	244	1.6	98.4	90-100
3	20 mm	5432	5676	37.8	62.2	30-70
4	10 mm	4332	10008	66.7	33.3	10-35
5	4.75 mm	4654	14662	97.7	2.3	0-5
6	Pan	338	15000	100.0	0	---

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TEST REPORT ON COARSE AGGREGATES

Lab ID : CP-2018-07-07-05 **Date: 10-07-2018**

Sample ID No : 2018-07-07-05 /02(a)

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS:383-2016
1	Flakiness Index(%)	12.4	Combined Flakiness & Elongation Index Shall not Exceed 40% for Uncrushed & Crushed Aggregate
2	Elongation Index(%)	11.8	
3	Specific Gravity	2.68	–
4	Bulk Density(Loose) (Kg/l)	1.48	–
5	Bulk Density(Compacted) (Kg/l)	1.52	–
6	Water Absorption(%)	0.22	–

Note:
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TEST REPORT ON COARSE AGGREGATES

Lab ID	:	**CP-2018-07-07-05** **Date: 10-07-2018**
Customer	:	Assistant Executive Engineer, Yelahanka Satellite town Sub division, BBMP, Bangalore.
Address	:	Yelahanka Satellite town Sub division, BBMP, Bangalore.
Project Name	:	Improvements to roads and drains to the balance roads of Someshwaranagara in ward no:04
Agency	:	Sri. G. Venkategowda No:531/1, 14th A Cross, A Sector, Yelahanka New Town, Bangalore -64
Customer Reference	:	EE(YNK.D)E-PMT-13/W.O/000100/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	07-07-2018
Sample ID No	:	2018-07-07-05 /02
Sample Type/ Size	:	20mm down size coarse aggregate
Reference to BIS codes	:	IS: 383:2016 (Specification for Coarse and fine Aggregates) IS: 2386 :1963(Part - 1,3,4) RA2011 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption IS 2386 Part 4: Mechanical Properties
Date of test	:	07-07-2018

SIEVE ANALYSIS (PARTICLE SIZE DISTRIBUTION) OF 20MM DOWN COARSE AGGREGATE:

Total weight taken : **5000** **grams**

Sample No.	Sieve No.	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:2016
1	40 mm	0	0	0	100	100
2	20 mm	245	245	4.9	95.1	90-100
3	10 mm	2560	2805	56.1	43.9	25-55
4	4.75 mm	2033	4838	96.8	3.2	0-10
5	Pan	162	5000	100	0	–

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TEST REPORT ON COARSE AGGREGATES

Lab ID : CP-2018-07-07-05 **Date: 10-07-2018**

Sample ID No : 2018-07-07-05 /02

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS:383-2016
1	Flakiness Index(%)	13.2	Combined Flakiness & Elongation Index Shall not Exceed 40% for Uncrushed & Crushed Aggregate
2	Elongation Index(%)	12.6	
3	Specific Gravity	2.66	–
4	Bulk Density(Loose) (Kg/l)	1.54	–
5	Bulk Density(Compacted) (Kg/l)	1.58	–
6	Water Absorption(%)	0.22	–
7	Aggregate crushing Value(%)	24.5	Max 30% for Aggregates to be used in concrete for wearing Surface, In case Aggregate Crushing Value Exceeds 30% then the test for ten percent fines should be conducted for Aggregates to be used in concrete other than for wearing Surface.
8	Aggregate Impact Value(%)	22.8	30% for Aggregates to be used in concrete for wearing Surface, 45% for Aggregates to be used in concrete other than for wearing Surface.

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Format No: CP/TF/01

TEST REPORT OF FINE AGGREGATE

Date: 10-07-2018

Lab ID	:	**CP-2018-07-07-05**
Customer	:	Assistant Executive Engineer, Yelahanka Satellite town Sub division, BBMP, Bangalore.
Address	:	Yelahanka Satellite town Sub division, BBMP, Bangalore.
Project Name	:	Improvements to roads and drains to the balance roads of Someshwaranagara in ward no:04
Agency	:	Sri. G. Venkategowda No:531/1, 14th A Cross, A Sector, Yelahanka New Town, Bangalore -64
Customer's Reference	:	EE(YNK.D)E-PMT-13/W.O/000100/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	07-07-2018
Sample ID No	:	2018-07-07-05 /03
Sample Type	:	Fine Aggregate
Reference to BIS codes	:	IS 383 : 2016 (Specification for Coarse and fine Aggregates) IS: 2386 :1963(Part - 1, 3) RA2012 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption
Date of test	:	07-07-2018
Total weight taken	:	1000 grams

Sl.no	Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS 383:2016			
						Grading Zone I	Grading Zone II	Grading Zone III	Grading Zone IV
1	10 mm	0	0	0.0	100.0	100	100	100	100
2	4.75 mm	21	21	2.1	97.9	90-100	90-100	90-100	95-100
3	2.36 mm	185	206	20.6	79.4	60-95	75-100	85-100	95-100
4	1.18 mm	201	407	40.7	59.3	30-70	55-90	75-100	90-100
5	600 micron	168	575	57.5	42.5	15-34	35-59	60-79	80-100
6	300 micron	229	804	80.4	19.6	5-20	8-30	12-40	15-50
7	150 micron	153	957	95.7	4.3	0-10	0-10	0-10	0-15
8	Pan	43	1000	100.0	0.0	---	---	---	---

Result :The tested Sample Conforms to Grading Zone II

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TEST REPORT OF FINE AGGREGATE

Lab ID : CP-2018-07-07-05

Date: 10-07-2018

Sample ID No : 2018-07-07-05 /03

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS 383:2016
1	Water Absorption(%)	1.42	–
2	Specific Gravity	2.53	–
3	Material finer than 75 micron(%)	3.9	Uncrushed fine Aggregate Max 3%, Crushed Fine aggregate Max 15%, Mixed Fine aggregate Max 12%, Manufactured Fine aggregate Max 10%

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TEST RESULTS OF STEEL

Lab ID	:	**CP-2018-07-07-05** **Date: 11-07-2018**
Customer	:	Assistant Executive Engineer, Yelahanka Satellite town Sub division, BBMP, Bangalore.
Address	:	Yelahanka Satellite town Sub division, BBMP, Bangalore.
Project Name	:	Improvements to roads and drains to the balance roads of Someshwaranagara in ward no:04
Agency	:	Sri. G. Venkategowda No:531/1, 14th A Cross, A Sector, Yelahanka New Town, Bangalore -64
Customer's Reference	:	EE(YNK.D)E-PMT-13/W.O/000100/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	07-07-2018
Sample ID No	:	2018-07-07-05 /04
Sample Type	:	Sunvik
Reference to BIS codes	:	IS 1786-2008, IS:1608-2005(RA 2011), IS 1599-2012.
Date of test:	:	09-07-2018

SLNo	Identification of sample	Grade of the sample	Diameter of the steel bar	Weight of the sample	Yield stress	Tensile strength	Elongation	Bend test	Rebend test
			(mm)	(kg/m)	(N/mm2)	(N/mm2)	(%)		
1	Sunvik	Fe500	8	0.386	549	671	21.0%	Satisfactory	Satisfactory
2	Sunvik	Fe500	10	0.62	568	682	21.0%	Satisfactory	Satisfactory
3	Sunvik	Fe500	12	0.863	581	695	20.0%	Satisfactory	Satisfactory

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Format No: CP/TF/01

TEST REPORT OF PRECAST COVER SLAB

Lab ID	:	**CP-2018-07-07-05**	**Date: 12-07-2018**
Customer	:	Assistant Executive Engineer, Yelahanka Satellite town Sub division, BBMP, Bangalore.	
Address	:	Yelahanka Satellite town Sub division, BBMP, Bangalore.	
Project Name	:	Improvements to roads and drains to the balance roads of Someshwaranagara in ward no:04	
Agency	:	Sri. G. Venkategowda No:531/1, 14th A Cross, A Sector, Yelahanka New Town, Bangalore -64	
Customer's Reference	:	EE(YNK.D)E-PMT-13/W.O/000100/2017-18	
Source of Sample	:	Sample supplied by Agency	
Sample Condition	:	Satisfactory	
Date of Receipt	:	07-07-2018	
Sample ID No	:	2018-07-07-05 /05	
Sample Type /Size	:	100mm thick Precast Cover Slab	
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete	
Date of test	:	09/07/2018	

Sl. No.	Identification Mark	Diameter of the core	Height of the core	Weight of the core	Area	Failure Load	Core Compressive strength	Corrected Cylinder Compressive strength	Equivalent Cube Compressive strength
		(mm)	(mm)	(kg)	(Sq.mm)	(KN)	(N/mm^2)	(N/mm^2)	(N/mm^2)
1	Cover Slab-1	75.23	100.37	2.724	4444	96.4	21.7	20.2	25.2
2	Cover Slab-2	75.18	100.55	2.746	4438	95.1	21.4	19.9	24.9
3	Cover Slab-3	75.29	100.28	2.778	4451	94.8	21.3	19.8	24.8

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TEST REPORT OF PRECAST COVER SLAB

Lab ID	:	**CP-2018-07-07-05** **Date: 13-07-2018**
Customer	:	Assistant Executive Engineer, Yelahanka Satellite town Sub division, BBMP, Bangalore.
Address	:	Yelahanka Satellite town Sub division, BBMP, Bangalore.
Project Name	:	Improvements to roads and drains to the balance roads of Someshwaranagara in ward no:04
Agency	:	Sri. G. Venkategowda No.531/1, 14th A Cross, A Sector, Yelahanka New Town, Bangalore -64
Customer's Reference	:	EE(YNK.D)E-PMT-13/W.O/000100/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	07-07-2018
Sample ID No	:	2018-07-07-05 /05
Sample Type /Size	:	250mm thick Precast Cover Slab
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete
Date of test	:	09/07/2018

Sl. No.	Identification Mark	Diameter of the core	Height of the core	Weight of the core	Area	Failure Load	Core Compressive strength	Corrected Cylinder Compressive strength	Equivalent Cube Compressive strength
		(mm)	(mm)	(kg)	(Sq.mm)	(KN)	(N/mm^2)	(N/mm^2)	(N/mm^2)
1	Cover Slab-1	165.06	250.11	3.180	21394	425.8	19.9	18.5	23.1
2	Cover Slab-2	164.98	250.09	3.157	21373	432.8	20.2	18.8	23.5
3	Cover Slab-3	165.20	250.21	3.198	21430	436.7	20.4	19.0	23.7

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2018-07-12-07 **Date: 16/07/2018**

Customer : Assistant Executive Engineer, Yelahanka Satellite town Sub division, BBMP, Bangalore.

Address : Yelahanka Satellite town Sub division, BBMP, Bangalore.

Project Name : Improvements to roads and drains to the balance roads of Someshwaranagara in ward no:04

Agency : Sri. G. Venkategowda No:531/1, 14th A Cross, A Sector, Yelahanka New Town, Bangalore -64

Customer's Reference : EE(YNK.D)E-PMT-13/W.O/000100/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 12-07-2018

Sample ID No : 2018-07-12-07 /01

Customer ID : PCC

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl 5

Date of test : 16/07/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC	M20	09/07/2018	16/07/2018	150.05 X 149.87 X 151.30	22488	8.198	407.8	18.1	18.5
2	PCC	M20	09/07/2018	16/07/2018	149.20 X 149.67 X 151.07	22332	8.317	415.8	18.6	
3	PCC	M20	09/07/2018	16/07/2018	151.93 X 150.18 X 149.94	22818	8.255	427.4	18.7	

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2018-07-12-07 **Date: 16/07/2018**

Customer : Assistant Executive Engineer, Yelahanka Satellite town Sub division, BBMP, Bangalore.

Address : Yelahanka Satellite town Sub division, BBMP, Bangalore.

Project Name : Improvements to roads and drains to the balance roads of Someshwaranagara in ward no:04

Agency : Sri. G. Venkategowda No:531/1, 14th A Cross, A Sector, Yelahanka New Town, Bangalore -64

Customer's Reference : EE(YNK.D)E-PMT-13/W.O/000100/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 12-07-2018

Sample ID No : 2018-07-12-07 /03

Customer ID : PCC

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 16/07/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC	M20	09/07/2018	16/07/2018	150.72 X 150.97 X 150.78	22753	8.104	411.6	18.1	18.3
2	PCC	M20	09/07/2018	16/07/2018	151.93 X 151.09 X 151.39	22956	8.487	416.5	18.1	
3	PCC	M20	09/07/2018	16/07/2018	150.30 X 149.12 X 150.21	22413	8.124	418.3	18.7	

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
HIGHWAY & BUILDING MATERIALS TESTING

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: TC- 5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2018-07-12-07** **Date: 16/07/2018**

Customer : Assistant Executive Engineer, Yelahanka Satellite town Sub division, BBMP, Bangalore.

Address : Yelahanka Satellite town Sub division, BBMP, Bangalore.

Project Name : Improvements to roads and drains to the balance roads of Someshwaranagara in ward no:04

Agency : Sri. G. Venkategowda No:531/1, 14th A Cross, A Sector, Yelahanka New Town, Bangalore -64

Customer's Reference : EE(YNK.D)E-PMT-13/W.O/000100/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 12-07-2018

Sample ID No : 2018-07-12-07 /05

Customer ID : PCC

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl 5

Date of test : 16/07/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC	M20	09/07/2018	16/07/2018	149.50 X 149.22 X 150.41	22310	8.562	416.7	18.7	18.6
2	PCC	M20	09/07/2018	16/07/2018	151.95 X 151.97 X 151.14	23093	8.153	416.6	18.0	
3	PCC	M20	09/07/2018	16/07/2018	149.04 X 149.94 X 150.76	22348	8.263	423.2	18.9	

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate

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4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: TC- 5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 17/07/2018

Lab ID	:	CP-2018-07-13-01
Customer	:	Assistant Executive Engineer, Yelahanka Satellite town Sub division, BBMP, Bangalore.
Address	:	Yelahanka Satellite town Sub division, BBMP, Bangalore.
Project Name	:	Improvements to roads and drains to the balance roads of Someshwaranagara in ward no:04
Agency	:	Sri. G. Venkategowda No:531/1, 14th A Cross, A Sector, Yelahanka New Town, Bangalore -64
Customer's Reference	:	EE(YNK.D)E-PMT-13/W.O/000100/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	13-07-2018
Sample ID No	:	2018-07-13-01 /01
Customer ID	:	CC Pavement
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M30 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	17/07/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	CC Pavement	M30	10/07/2018	17/07/2018	149.85 X 150.35 X 150.86	22531	8.025	578.7	25.7	25.4
2	CC Pavement	M30	10/07/2018	17/07/2018	151.62 X 150.64 X 151.45	22839	8.232	598.1	26.2	
3	CC Pavement	M30	10/07/2018	17/07/2018	150.84 X 150.81 X 150.85	22749	8.110	550.0	24.2	

Note:

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TEST REPORT OF AGGEGRATE IMPACT VALUE
IS: 2386 Part IV

Date: 18-07-2018

Lab ID	:	CP-RW-2018-07-16-04
Customer	:	Assistant Executive Engineer, Yelahanka Satellite town Sub division, BBMP, Bangalore.
Address	:	Yelahanka Satellite town Sub division, BBMP, Bangalore.
Project Name	:	Improvements to roads and drains to the balance roads of Someshwaranagara in ward no:04
Agency	:	Sri. G. Venkategowda No:531/1, 14th A Cross, A Sector, Yelahanka New Town, Bangalore -64
Customer Reference	:	EE(YNK.D)E-PMT-13/W.O/000100/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	16-07-2018
Sample ID No	:	2018-07-16-04/01
Type of Mix	:	Coarse Aggregate for WMM (Wet Mix Macadam)
Date of test	:	16-07-2018

SLNo	Particulars of observations	Index	TEST 1	TEST 2
1	Total weight of the surface dry sample sample (passing 12.5 mm and retained on 10mm sieve)	A	311.6	310.9
2	Weight of fraction passing 2.36mm sieve After giving 15 blows	B	69.6	68.4
3	weight of fraction retained 2.36mm sieve After giving 15 blows	C	241.6	242.3
4	Total weight of (B+C) is less than the initial weight (Weight A) by more than one gram the result shall be discarded and a fresh test made.	A-(B+C)	0.4	0.3
5	Aggregate impact value	(B/A)*100	22.3	22.0
6	Aggregate impact value (Mean of two tests)	Pecentage	22.2	

Note:-
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End of Report